

Please type a plus sign (+) inside this box

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OBM 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	09/648,777
Filing Date	August 28, 2000
First Named Inventor	SHI, Song-Hua, et al.
Group Art Unit	1773
Examiner Name	Not Assigned
Attorney Docket Number	GTRC55

ENCLOSURES (check all that apply)

- | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> Fee Transmittal Form
<input checked="" type="checkbox"/> Fee Attached
<input type="checkbox"/> Amendment/Reply
<input type="checkbox"/> After Final
<input type="checkbox"/> Affidavits/declaration(s)
<input type="checkbox"/> Extension of Time Request
<input type="checkbox"/> Express Abandonment Request
<input type="checkbox"/> Information Disclosure Statement | <input type="checkbox"/> Assignment Papers
<input type="checkbox"/> Drawing(s)
<input type="checkbox"/> Licensing-related Papers
<input type="checkbox"/> Petition
<input type="checkbox"/> Petition to Convert to a Provisional Application
<input type="checkbox"/> Power of Attorney, Revocation
Change of Correspondence Address
<input type="checkbox"/> Terminal Disclaimer
<input type="checkbox"/> Request for Refund
<input type="checkbox"/> CD, Number of CD(s) | <input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Appeal Communication to Group
(Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
Return Postcard; Change in Small Entity Status with itemized list of fees paid as Small Entity |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

- ☐ Certified Copy of Priority Document(s)
☐ Response to Missing Parts/Incomplete Application
☐ Response to Missing Parts under 37 CFR 1.52 or 1.53

Remarks:

RECEIVED

JUL 5 2002

OFFICE OF PETITIONS

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name Charles Vorndran
Reg. No. 45,315

Signature

Charles Vorndran

Date

June 26, 2002

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on this date: June 26, 2002

Typed or printed name Pamela J. Guthardt

Signature

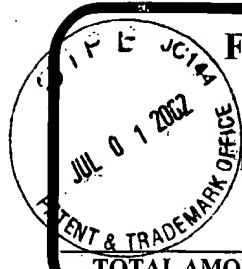
Pamela J. Guthardt

Date

June 26, 2002

Burden Hour Statement. This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



FEE TRANSMITTAL **for FY 2002**

Patent fees are subject to annual revision

TOTAL AMOUNT OF PAYMENT (\$)**792.00**

Complete if Known

Application Number 09/648,777
 Filing Date August 28, 2000
 First Named Inventor SHI, Song-Hua, et al.
 Examiner Name 1773
 Group Art Unit Not Assigned
 Attorney Docket No. GTRC55

RECEIVED
JUL 5 2002
OFFICE OF DEPT. OF COMMERCE

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:
- Deposit Account Number 20-1507
- Deposit Account Name TROUTMAN SANDERS LLP
- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
- ☐ Applicant claims small entity status. See 37 CFR 1.27
2. ☒ **Payment Enclosed:**
☒ Check ☐ Credit card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	
SUBTOTAL (1) (\$)					

2. EXTRA CLAIM FEES

	Extra Claims	Fee from below	Fee Paid
Total Claims	- 20** =	X \$	= \$
Independent Claims	- 3** =	X \$	= \$
Multiple Dependent			

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) (\$)				

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for ex parte reexamination	
112	920*	112	920*	Requesting publication of SIR after Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	218	460	Extension for reply within third month	
118	1440	218	720	Extension for reply within fourth month	
128	1960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	740	246	370	Filing a submission after final rejection (37 CFR 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	
Other fee (specify) Fee Adjustment					\$792.00
SUBTOTAL (3) (\$)					\$792.00

* Reduced by Basic Filing Fee Paid

SUBMITTED BY

Name (Print/Type) Charles Vorndran

Signature

Complete (if applicable)

Registration. No. 45,315
(Attorney/Agent)

Telephone 404-885-2689

Date June 26, 2002

WARNING: Information of this may become public. Credit card information should not

970238_1.DOC be included on this form. Provide credit card information and authorization on PTO-2038.



USSN 09/648,777
Customer No. 006980

#4

Patent
Customer No. 006980
Docket No.: GTRC55

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of)
)
SHI, Song-Hua, et al.) Group Art Unit: 1773
)
Serial No.: 09/648,777) Examiner: Not Assigned
)
Filed: 28 August 2000)
)
For: PROCESS AND MATERIAL FOR LOW-)
COST FLIP-CHIP SOLDER)
INTERCONNECT STRUCTURES)

RECEIVED
JUL 5 2002
OFFICE OF PETITIONS

CHANGE IN SMALL ENTITY STATUS

Honorable Assistant Commissioner of
Patents
Washington, D.C. 20231

June 26, 2002

Dear Sir:

The small entity status for the above-referenced patent application was established in good faith and small entity fees as a small entity were paid in good faith; however, it has been recently discovered that such status as small entity was established in error. Applicant no longer claims small entity status for the above-referenced application.

The attached chart itemizes the fees paid as a small entity, the date the fees were paid, and the difference in fees to be paid. Applicant encloses a check in the amount of \$792 to cover the difference in fees due. In the event the Commissioner determines any additional fees are due, the Commissioner is authorized to charge the requisite fees or credit any overpayment to Deposit

Account 20,1507

Adjustment date: 07/05/2002 AWONDAF1
09/06/2000 PSTANBAC 00000030 09648777
01 FC:201 -345.00 OP
02 FC:203 -297.00 OP

Adjustment date: 07/05/2002 AWONDAF1
12/07/2000 KZEWDIE 00000029 09648777
01 FC:205 -65.00 OP

Respectfully submitted,

Charles Vorndran
Reg. No. 45,315

07/05/2002 AWONDAF1 00000040 09648777

01 FC:101 740.00 OP
02 FC:105 130.00 OP
03 FC:103 594.00 OP

Repln. Ref: 07/05/2002 AWONDAF1 0017250600
DA#:201507 Name/Number:09648777
FC: 704 \$35.00 CR



USSN 09/648,777
Customer No. 006980

Certificate of Mailing

I hereby certify that this correspondence and any paper included therein is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on June 26, 2002.

Typed or printed name of person signing this certificate

Pamela J. Guthardt

Signature

Pamela J. Guthardt



USSN 09/648,777
Customer No. 006980

Itemized List of Fees Paid as Small Entity

Date of Payment	Description of Fee (fee code)	Amount Paid as Small Entity	Current Amount as Large Entity	Difference in Fee Amounts/Amount due
August 28, 2000	Filing Fee (1.16a)	\$345	\$740	\$385
August 28, 2000	Excess claim fee (1.16c)	33 x \$9 = \$297 1 x \$39 = \$39	33 x \$18 = \$594 1 x \$84 = \$84	\$297 \$45
November 30, 2000	Missing Parts surcharge (1.16e)	\$65	\$130	\$65
difference total				\$792